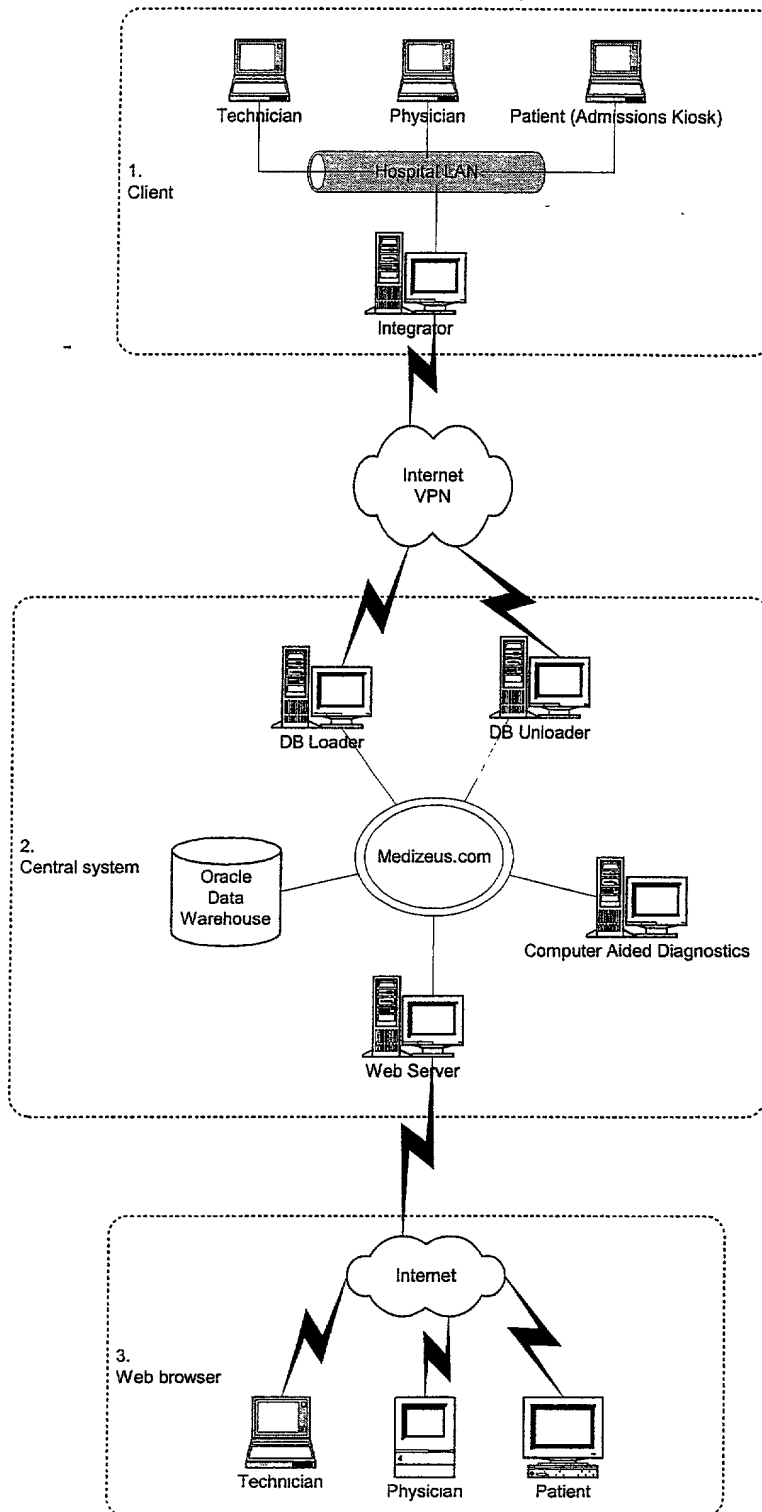


FIG. 1
Architecture Diagram



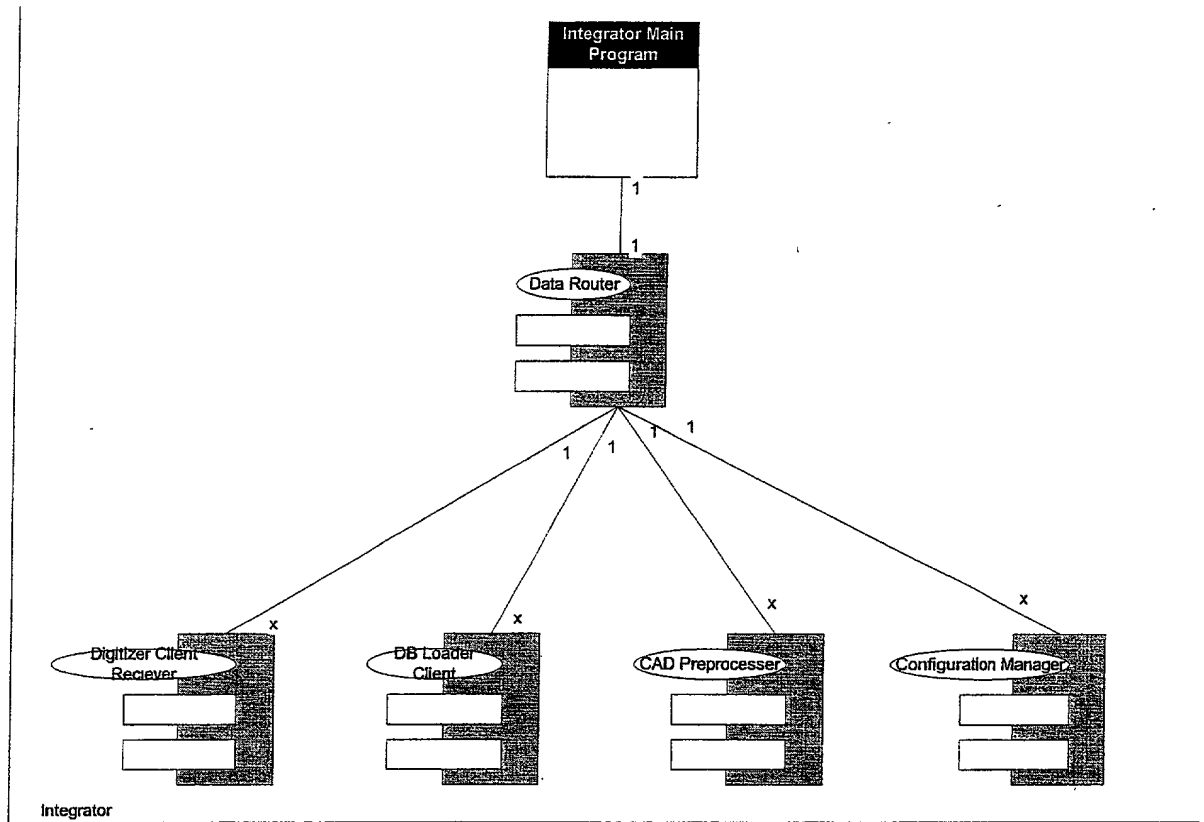


FIG. 2

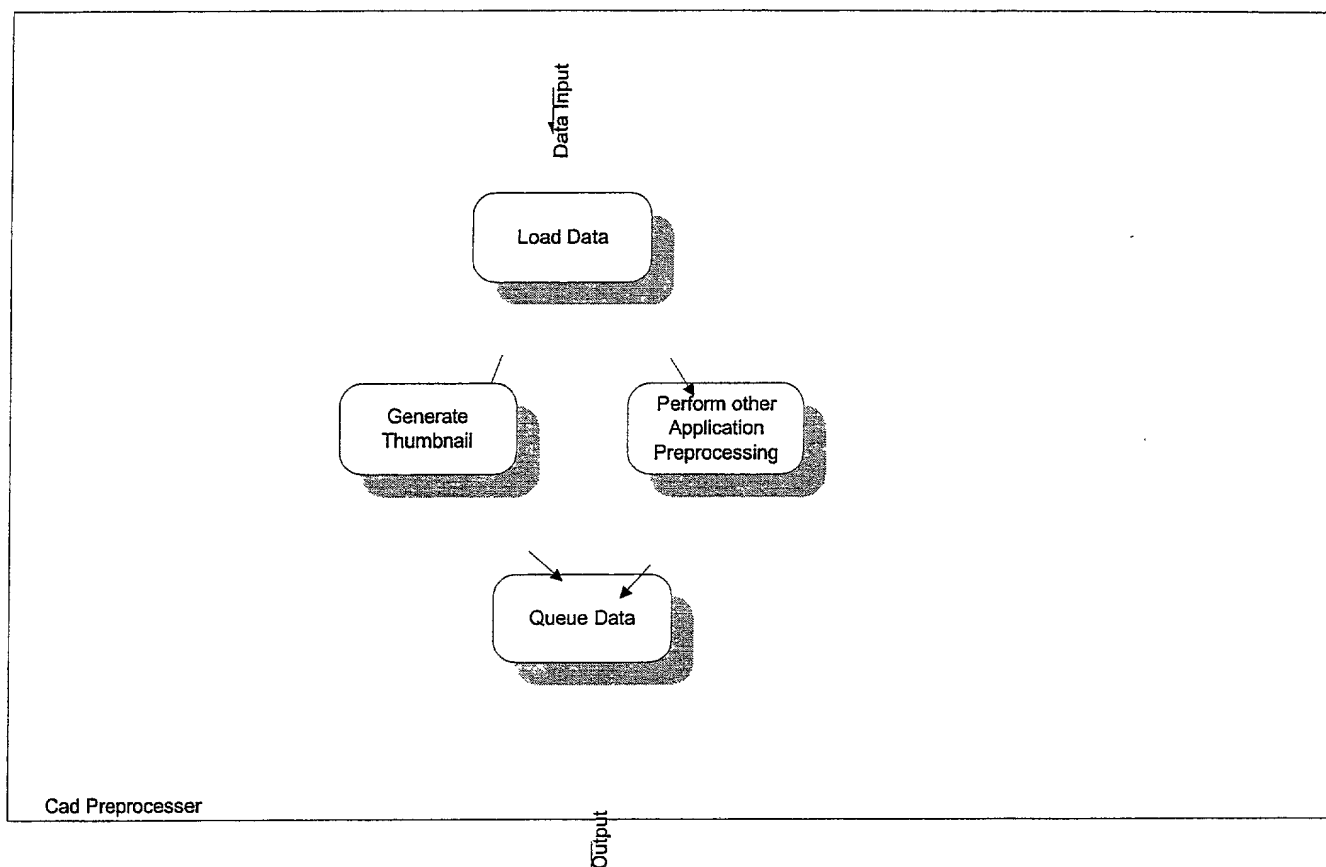


FIG. 3

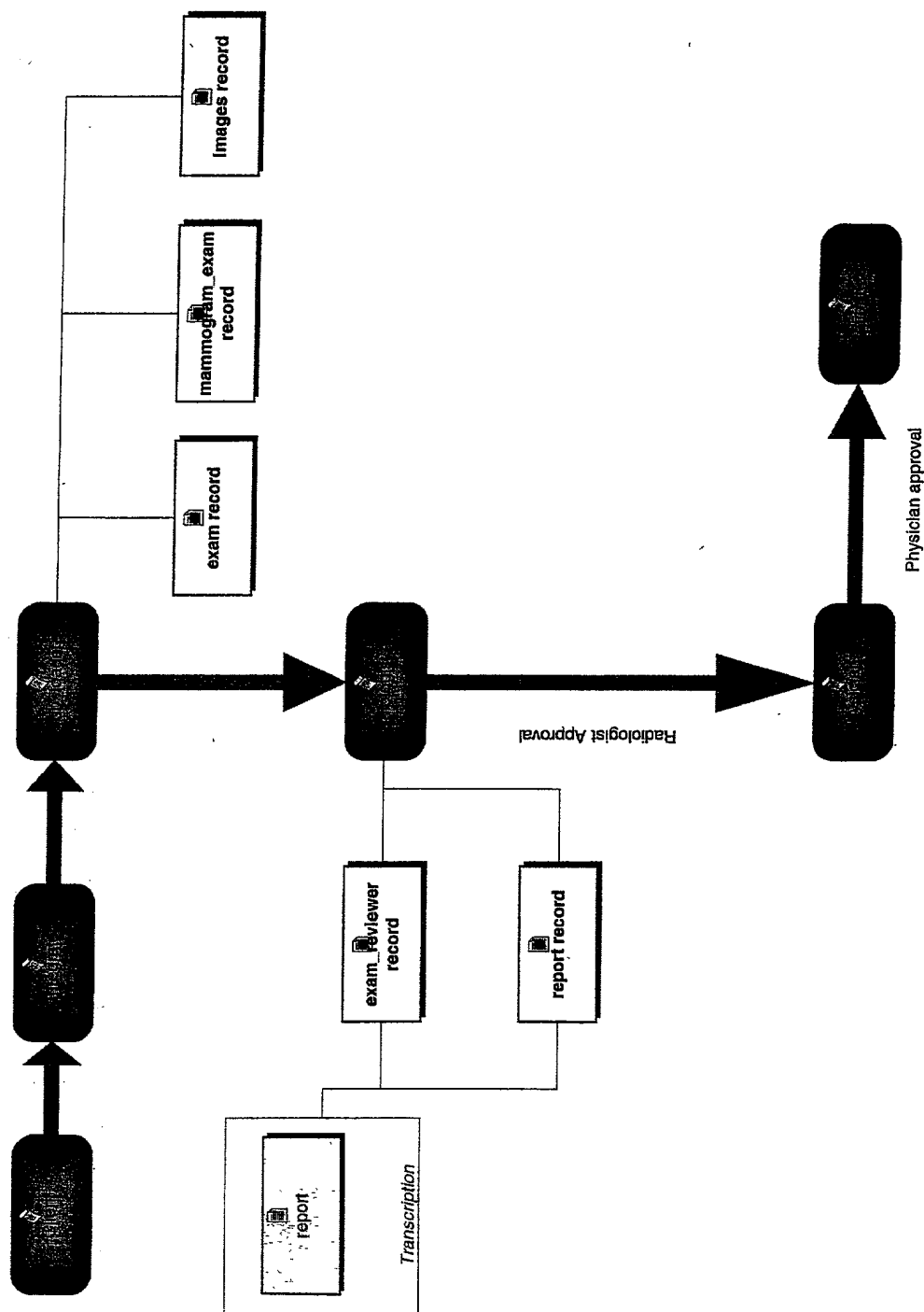
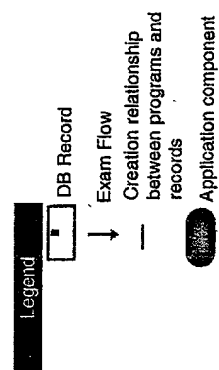


FIG. 4



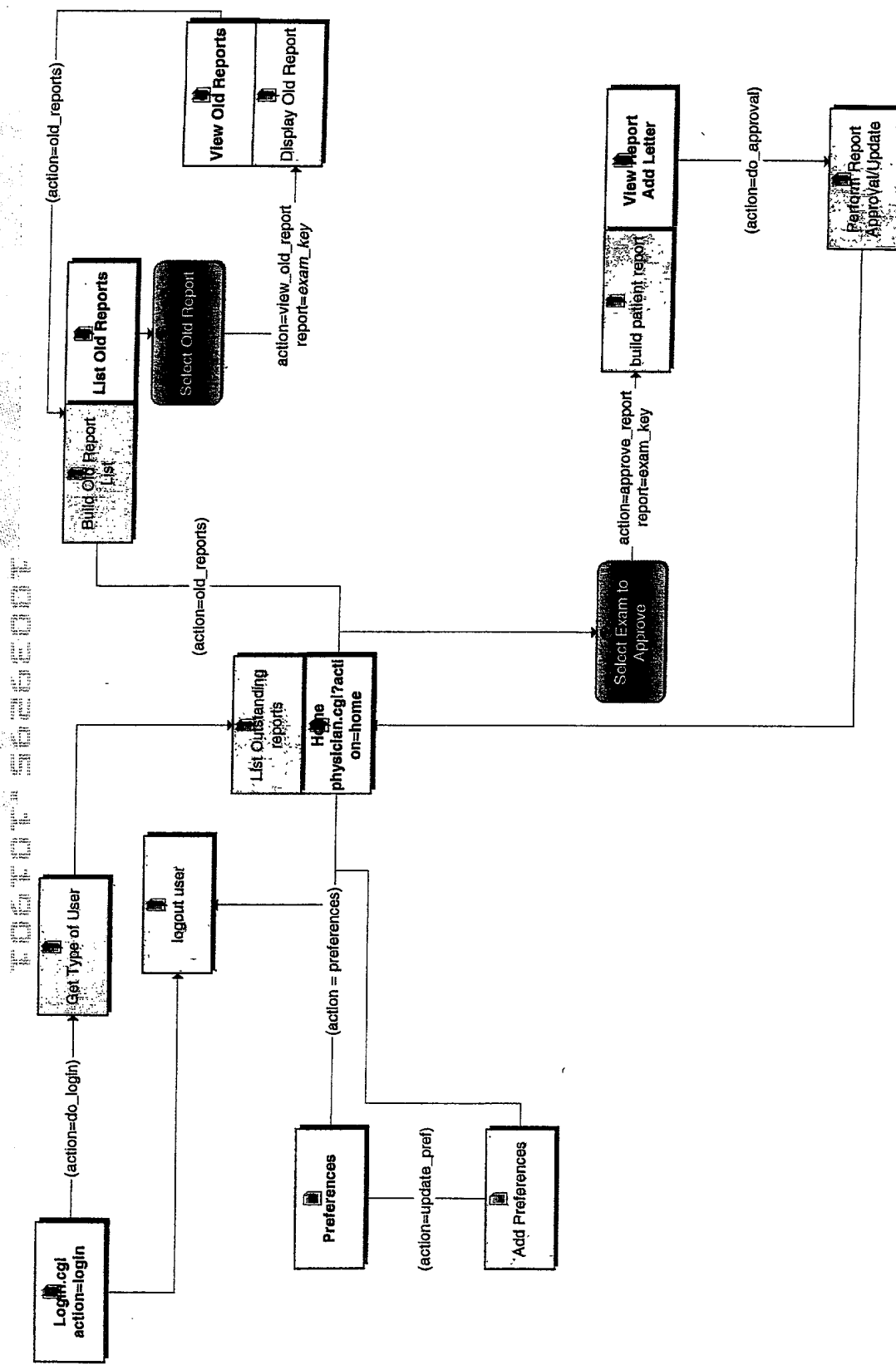
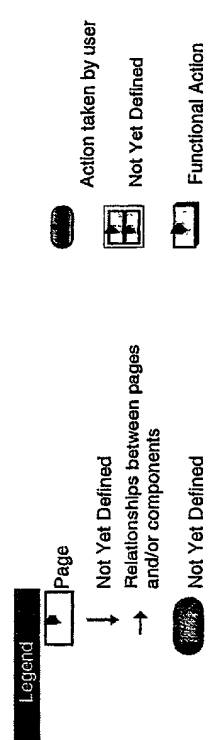
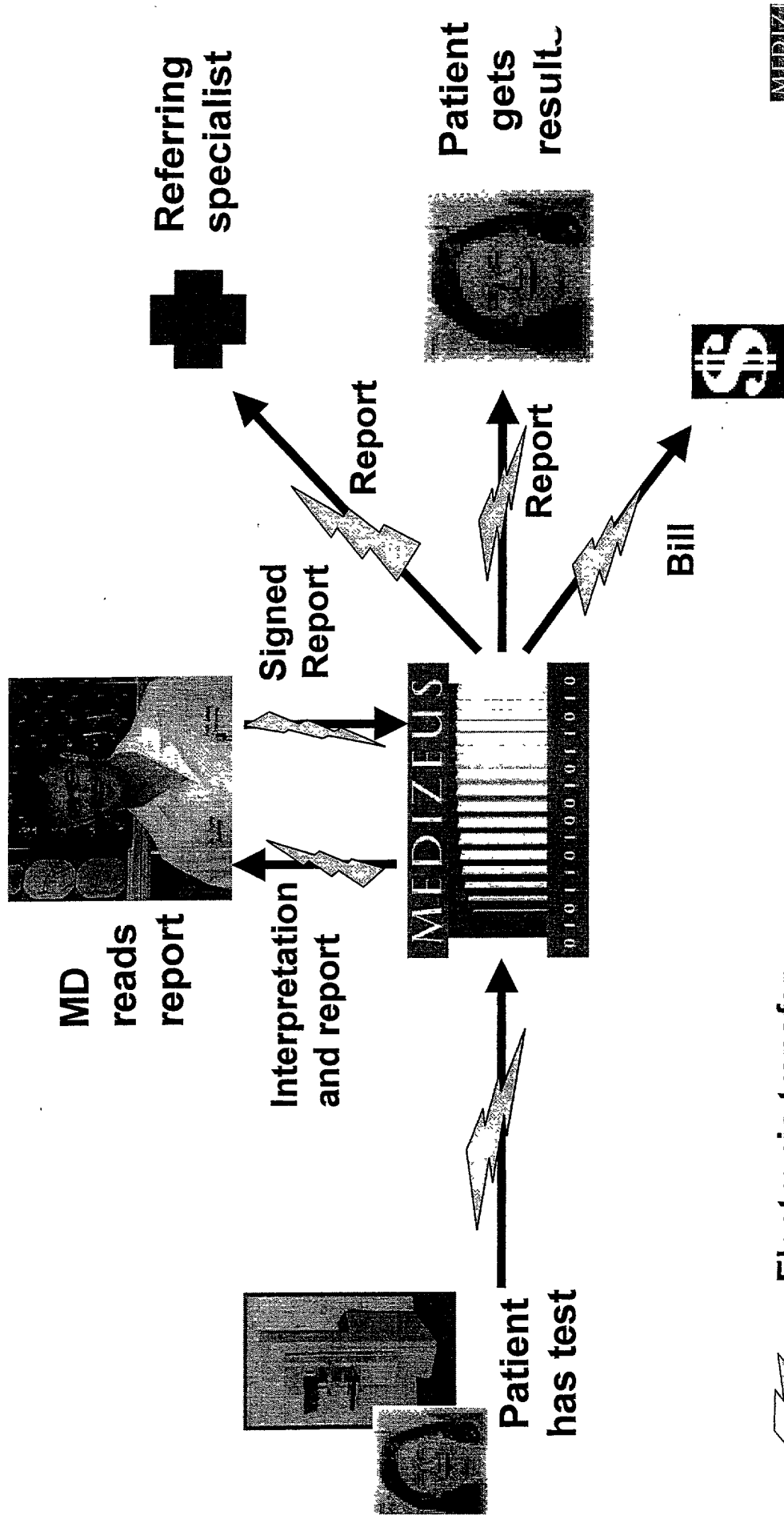


FIG. 5



The Medizeus RapidReport delivers now!



Electronic transfer

FIG. 6



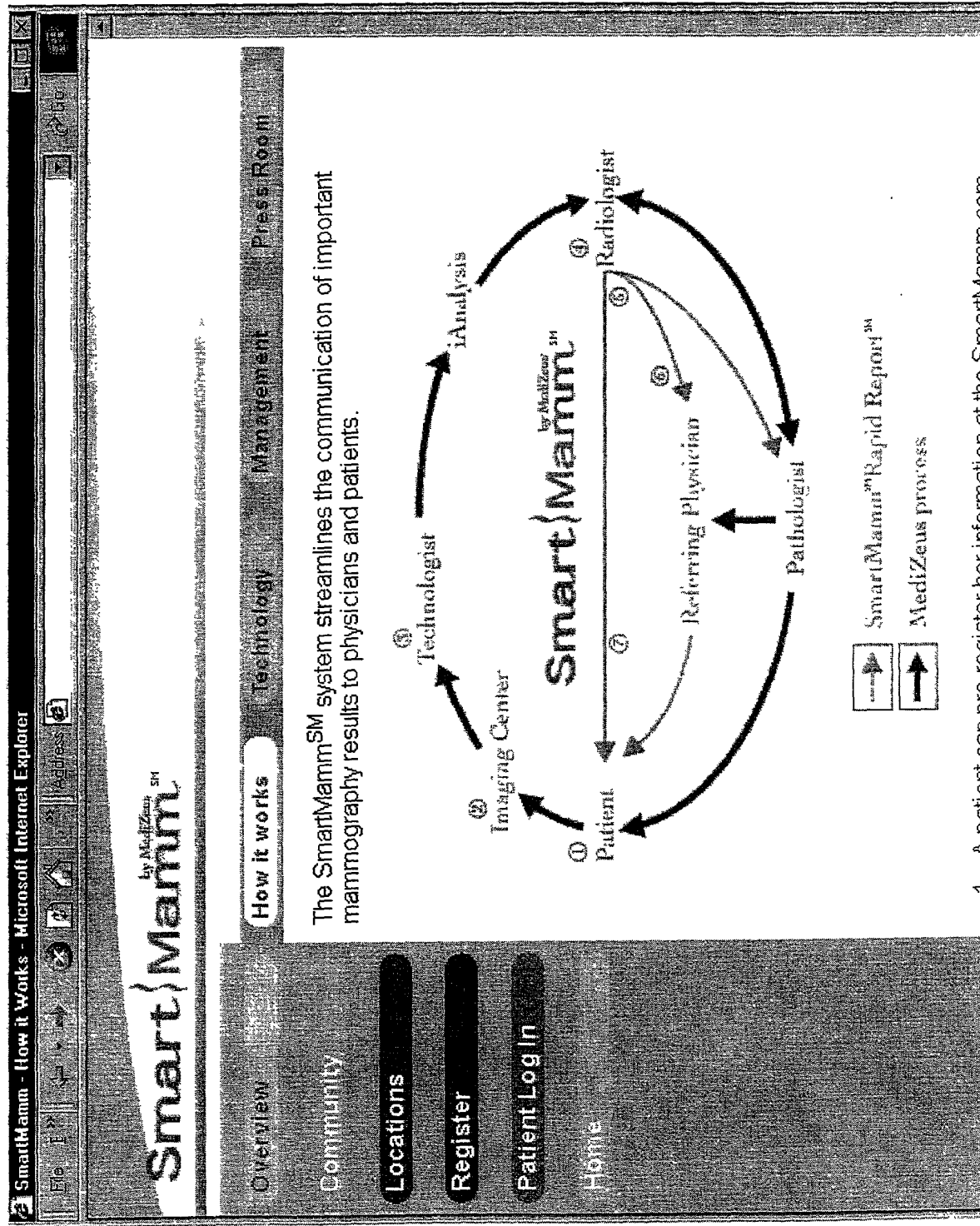


FIG. 7A

1 A patient can re-register her information at the SmartMamm.com

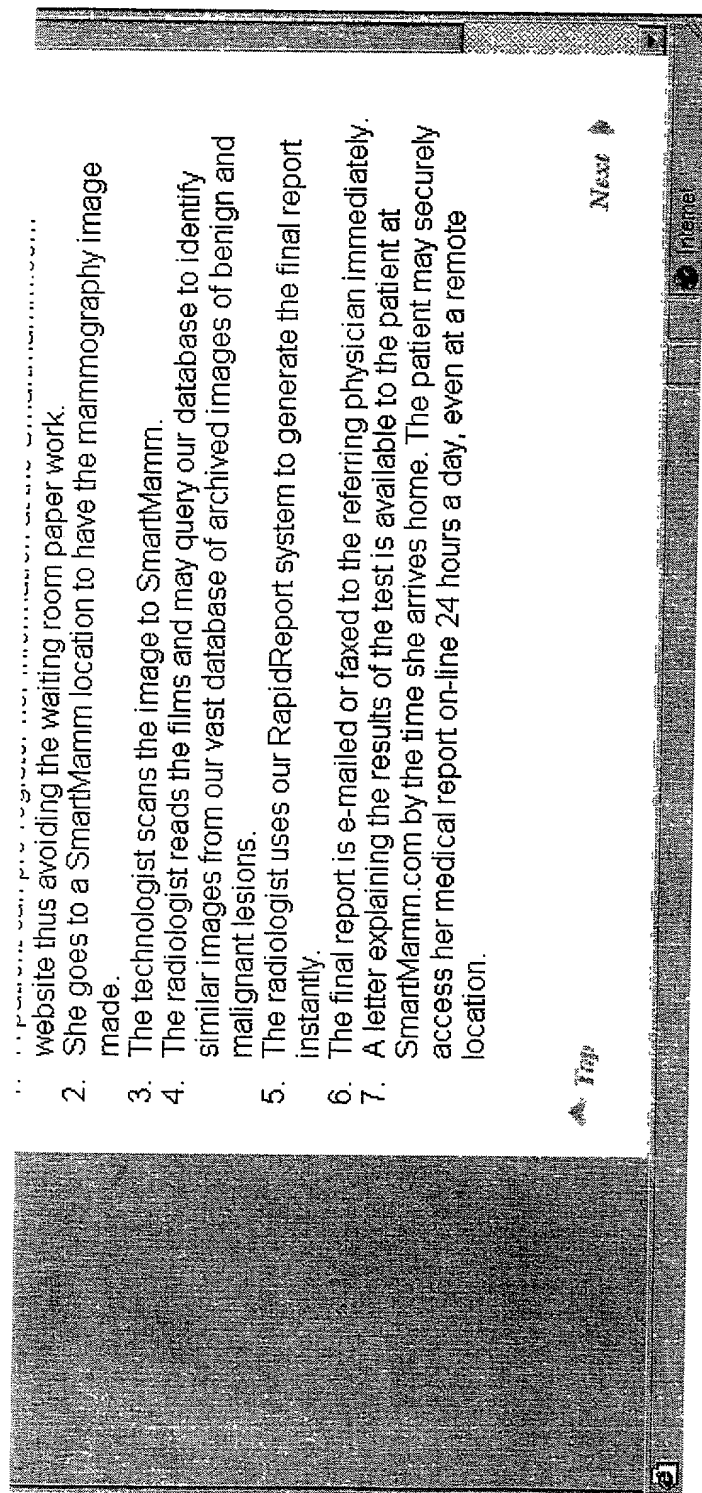


FIG. 7B

MediZeusSM

The Intelligence to Save Lives



SmartMammSM
by MediZeusSM
Increasing Mammogram Accuracy with Every Use

FIG. 8A

Patient Pre-Registers Online



Fig. 8B



Site information

Register

Success stories

The best you can do for yourself

Feed every horse

Introducing SmartMamm. Medizeus' patent-pending **artificial intelligence** algorithms **increase** the **accuracy** of diagnosing breast cancer. Standard mammograms are transmitted to our central database for interpretation. Our technology delivers the probability of malignancy to the radiologist. The reports are quickly generated and transmitted to the referring physician in a matter of minutes. The patient can then access her results quickly when she drives home and see that her hospital is providing the best diagnosis in the world.

Smart Mamm
by MediZeugSM

F15.8C

SmartMamm by MedZeus - Microsoft Internet Explorer

Address

Login Site information Register Success stories

The best you can do for yourself

And every woman you know

Introducing SmartMamm. Medizeus' patent-pending **artificial intelligence** algorithms **increase** the **accuracy** of diagnosing breast cancer. Standard mammograms are transmitted to our central database for interpretation. Our technology delivers the probability of malignancy to the radiologist. The reports are quickly generated and transmitted to the referring physician in a matter of minutes. The patient can then access her results quickly when she drives home and see that her hospital is providing the best diagnosis in the world.

SmartMammSM by MedZeusSM

Done My Computer

Fig. 8D

SmartMamm by MediZeus - Microsoft Internet Explorer

File Edit View Favorites Tools Address

SmartMammSM by MediZeus

Main page

Login for current users

New user registration

Site information

New User Registration

Please provide the following information as completely as possible. This information will be forwarded to your physician's office when completed. You won't need to repeat this in the waiting room!

Personal information:

Salutation	Ms.
First name	
Last name	
Address (line 1)	
Address (line 2)	
City	
State	Georgia
ZIP code	

Continue with registration

Done My Computer

Fig. 8E

Patient has mammogram

Images transmitted
to MediZeus

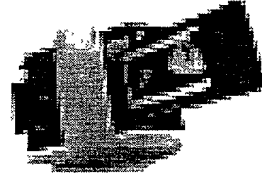
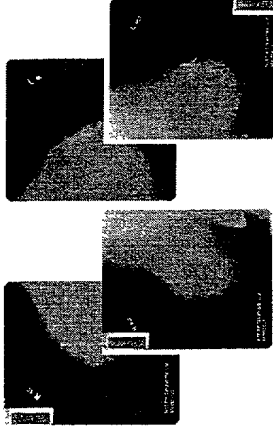


Fig. 8R

radiologist home page

MedZeus - Microsoft Internet Explorer

File

Address

Address

Home

Back

Forward

Stop

Reload

Print

Find

Go

MediZeus™

Radiologist home page

Home--current exams

View old records

Set user preferences

Logout

Enter the exam you wish to search for

QuickFind

Primary reader needed

Patient name	Exam #	Scan Date	Referring Physician
Haskins, Angie	214355445	08/10/2000	Anderson, Paul
Albers, Tammie	258221111	08/10/2000	Anderson, Paul

Secondary review needed

Patient name	Exam #	Scan Date	Referring Physician
There are no exams awaiting second reading			

Previous 20 exams completed

Patient name	Exam #	Scan Date	Referring Physician
Smith Ursula	213324343	08/09/2000	Anderson, Paul

Done

My Computer

Fig. 89





MedZeus - Microsoft Internet Explorer

MedZeus[™]

RapidReport

Patient Information:
NAME: Albers, Tammie
SSN: 123-45-6789
EXAM# 258221111
EXAM DATE: 08/10/2008

Home-current exams
View old records
Set user preferences
Logout

View comparables

FINDINGS:

R/L	Type	Location	Size
0- Right	1- Mass - Smooth	1- Posterior lateral	1- (0-4 mm)
1- Left	2- Mass - Irregular	2- Posterior medial	2- (5-9 mm)
	3- Microcalc - Pleomorphic	3- Anterior lateral	3- (10-15 mm)
	4- Microcalc - Amorphous	4- Anterior medial	4- (15-30 mm)
	5- Architectural distortion	5- Nipple	5- (30+ mm)

Add finding

Overall BI-RADS : Please select a number (0-5)

Finish and generate report
Clear and start over

Done

Fig. 8t

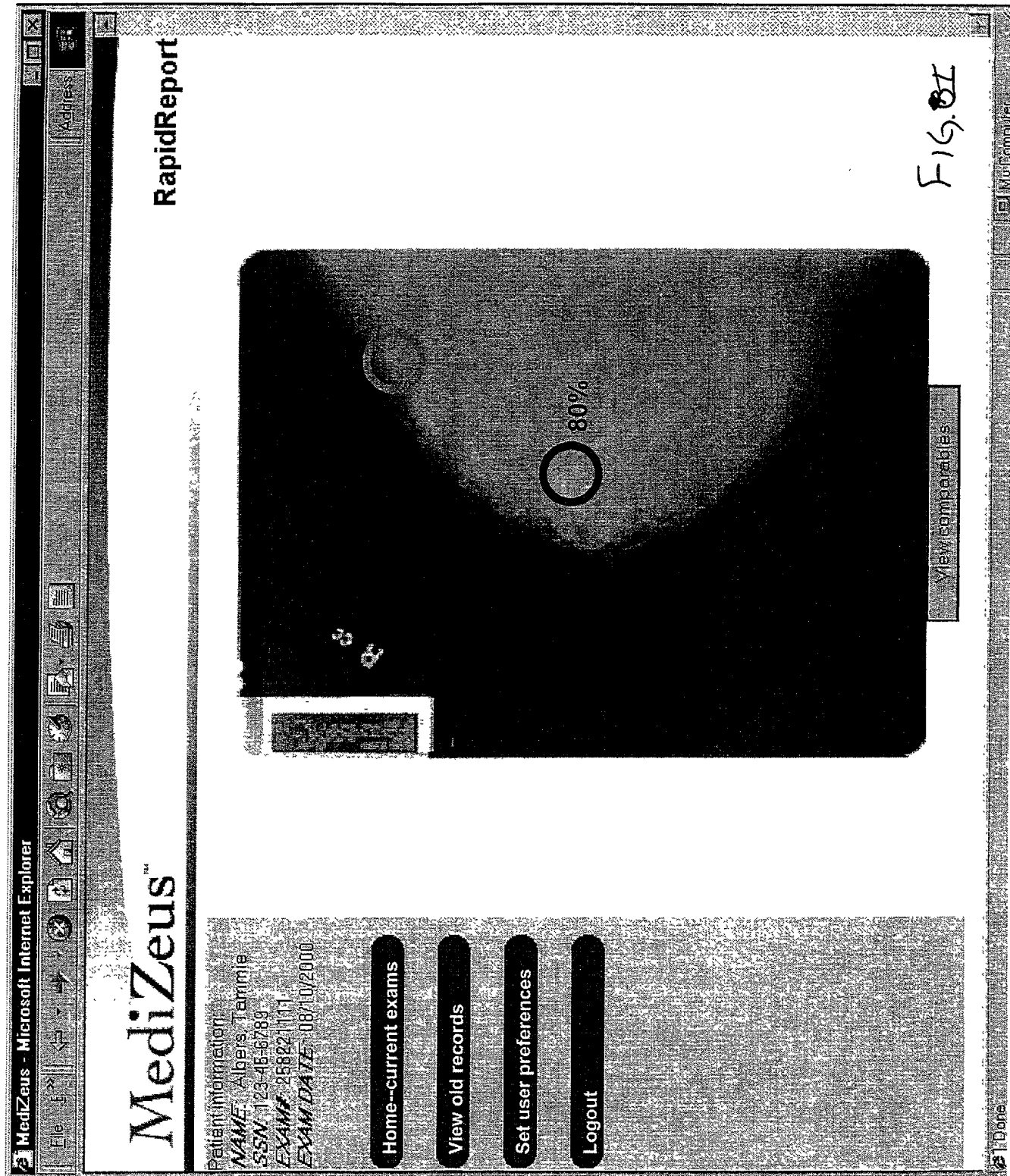


FIG. 31

MediZeusTM

Patient Information
NAMES: Albers, Tammie
SSN: 123-45-6789
EXAM#: 258221171
EXAM DATE: 08/10/2000

Home-current exams

View old records

Set user preferences

Layout

RapidReport



View comparables

FINDINGS:

R/L
0-Right
1-Left

Type
1- Mass - Smooth
2- Mass - Irregular
3- Microcalc - Pleo
4- Microcalc - Amo
5- Architectural dis

Location
1- Posterior lateral
2- Posterior medial
3- Anterior lateral
4- Anterior medial
5- Nipple

Size	1-(0-4 mm)	2-(5-9 mm)	3-(10-15 mm)	4-(15-30 mm)	5-(30+ mm)
1	100	100	100	100	100
2	100	100	100	100	100
3	100	100	100	100	100
4	100	100	100	100	100
5	100	100	100	100	100
6	100	100	100	100	100
7	100	100	100	100	100
8	100	100	100	100	100
9	100	100	100	100	100
10	100	100	100	100	100
11	100	100	100	100	100
12	100	100	100	100	100
13	100	100	100	100	100
14	100	100	100	100	100
15	100	100	100	100	100
16	100	100	100	100	100
17	100	100	100	100	100
18	100	100	100	100	100
19	100	100	100	100	100
20	100	100	100	100	100
21	100	100	100	100	100
22	100	100	100	100	100
23	100	100	100	100	100
24	100	100	100	100	100
25	100	100	100	100	100
26	100	100	100	100	100
27	100	100	100	100	100
28	100	100	100	100	100
29	100	100	100	100	100
30	100	100	100	100	100
31	100	100	100	100	100
32	100	100	100	100	100
33	100	100	100	100	100
34	100	100	100	100	100
35	100	100	100	100	100
36	100	100	100	100	100
37	100	100	100	100	100
38	100	100	100	100	100
39	100	100	100	100	100
40	100	100	100	100	100
41	100	100	100	100	100
42	100	100	100	100	100
43	100	100	100	100	100
44	100	100	100	100	100
45	100	100	100	100	100
46	100	100	100	100	100
47	100	100	100	100	100
48	100	100	100	100	100
49	100	100	100	100	100
50	100	100	100	100	100
51	100	100	100	100	100
52	100	100	100	100	100
53	100	100	100	100	100
54	100	100	100	100	100
55	100	100	100	100	100
56	100	100	100	100	100
57	100	100	100	100	100
58	100	100	100	100	100
59	100	100	100	100	100
60	100	100	100	100	100
61	100	100	100	100	100
62	100	100	100	100	100
63	100	100	100	100	100
64	100	100	100	100	100
65	100	100	100	100	100
66	100	100	100	100	100
67	100	100	100	100	10

Add finding

Overall BI-RADS :	Please select a number (0-5)
0	
1	
2	
3	
4	
5	

Finish and generate report

Clear and start over

419.85

FOR SCREEN

MedZeus - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address

MediZeus™

RapidReport patient report

Patient information
NAME: Albers, Tammy
SSN: 123-45-6789
EXAM#: 258221111
EXAM DATE: 08/10/2000

Home-current exams

View old records

Set user preferences

Logout

BI-RADS: 3

Report

There is a 15-30 mm amorphic cluster of microcalcifications in the right posterior lateral breast. There is a 0-4 mm pleomorphic microcalcifications in the left posterior medial breast.

Impression: The findings are probably benign; a short-term interval follow-up is recommended.
BI-RADS level 3

Follow-up recommended:
Select from menu

Findings:
☐ masses ☒ calcs ☐ arch dist

Approve Hold Need second opinion

Done

Fig. 8K

MediZeus™

RapidReport patient report

Patient information
NAME: Albers, Tammie
SSN: 123-45-6789
EXAM#: 25822111
EXAM DATE: 08/10/2000

Home--current exams

View old records

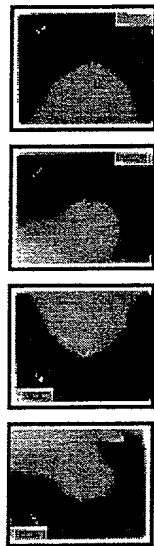
Set user preferences

Logout

Southside Radiological Asso.
Roswell, GA 30076

Radiology Consultation

Patient Name **Albers, Tammie**
X-ray number **25822111**
Exam date **08/11/2000**
Referring Phys. **Anderson, P. MD**



RIGHT LEFT

Click on the thumbnail to enlarge the image. Not for diagnosis

REASON FOR REQUEST: Screening

REPORT:

There is a 15-30 mm amorphous cluster of microcalcifications in the right posterior lateral breast.
There is a 0-4 mm pleomorphic microcalcification in the left posterior medial breast.

IMPRESSION:

The findings are probably benign; a short-term interval followup is recommended.
BI-RADS level 3.

Signed by: *Jane Smith, M.D.* on 08/11/2000

Confirm

Help

FIG. 8L

MediZeus - Microsoft Internet Explorer

File Edit View Favorites Tools Address

MediZeus™ Radiologist home page

Home--current exams

View old records

Set user preferences

Logout

Enter the exam you wish to search for

QuickFind

Report Approved

Primary reader needed

Patient name	Exam #	Scan Date	Referring Physician
Haskins, Angie	214355445	08/10/2000	Anderson, Paul

Secondary review needed

Patient name	Exam #	Scan Date	Referring Physician
There are no exams awaiting second reading			

Previous 20 exams completed

Patient name	Exam #	Scan Date	Referring Physician
Albers, Tammie	258221111	08/10/2000	Anderson, Paul
Smith Ursula	213324343	08/09/2000	Anderson, Paul

Done

Fig. 8M

Referring physician accesses patients results at Medizeus.com

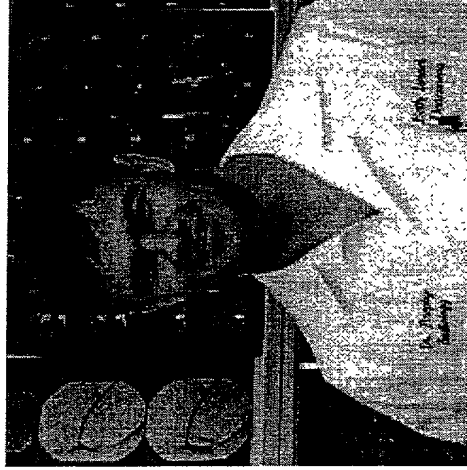


Fig. 8N

Medizeus - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address

MediZeus™

Login

Please enter your login ID and password

Login ID

Password

Your login ID is your Social Security Number (example: 123456789)

Home

Done My Computer

Fig. 80

MediZeus™

Physician home page

Home--current exams

View old records

Set user preferences

Logout

Below is a list of patient exams waiting to be released.
Click on the patient name to view the exam.

Patient name	Exam #	Exam Date	Results ready	Release?	Path results	Release?
Haskins, Angie	343497498	08/10/2000	W			
Albers, Tammie	258221111	08/10/2000	3	<input type="checkbox"/>	-	
Smithers, Joan	250123456	08/10/2000	W			

Release checked exams

Below is a complete list of the last 20 exams you released

Patient name	Exam #	Exam Date	Results ready	Release?	Path results	Release?
You have no approved exams						

FIG. 8P

MediZeus - Microsoft Internet Explorer

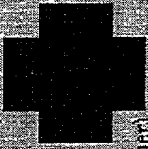
File Edit View Favorites Tools Help

Address

MediZeus™

RapidReport patient report

Southside Radiological Associates



(Click to learn more about your mammographer)

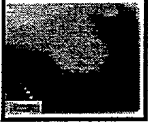
Southside Radiological Asso.
Roswell, GA 30076
Radiology Consultation
Patient Name **Albers, Tammie**
X-ray number **25822111**
Exam date **08/11/2000**
Referring Phys. **Anderson, P. MD**


Home--current exams


View old records


Set user preferences

Logout









RIGHT

LEFT

Click on the thumbnail to enlarge the image. Not for diagnosis.

REASON FOR REQUEST : Screening

REPORT:
There is a 15-30 mm amorphous cluster of microcalcifications in the right posterior lateral breast. There is a 0-4 mm pleomorphic microcalcification in the left posterior medial breast.

IMPRESSION:
The findings are probably benign; a short-term interval followup is recommended
BI-RADS level 3.

Signed by: Jane Smith, MD on 08/11/2000

Confirm

Help

FIG. 8Q

**Patient checks her results at
SmartMamm.com**



Fig. 8R

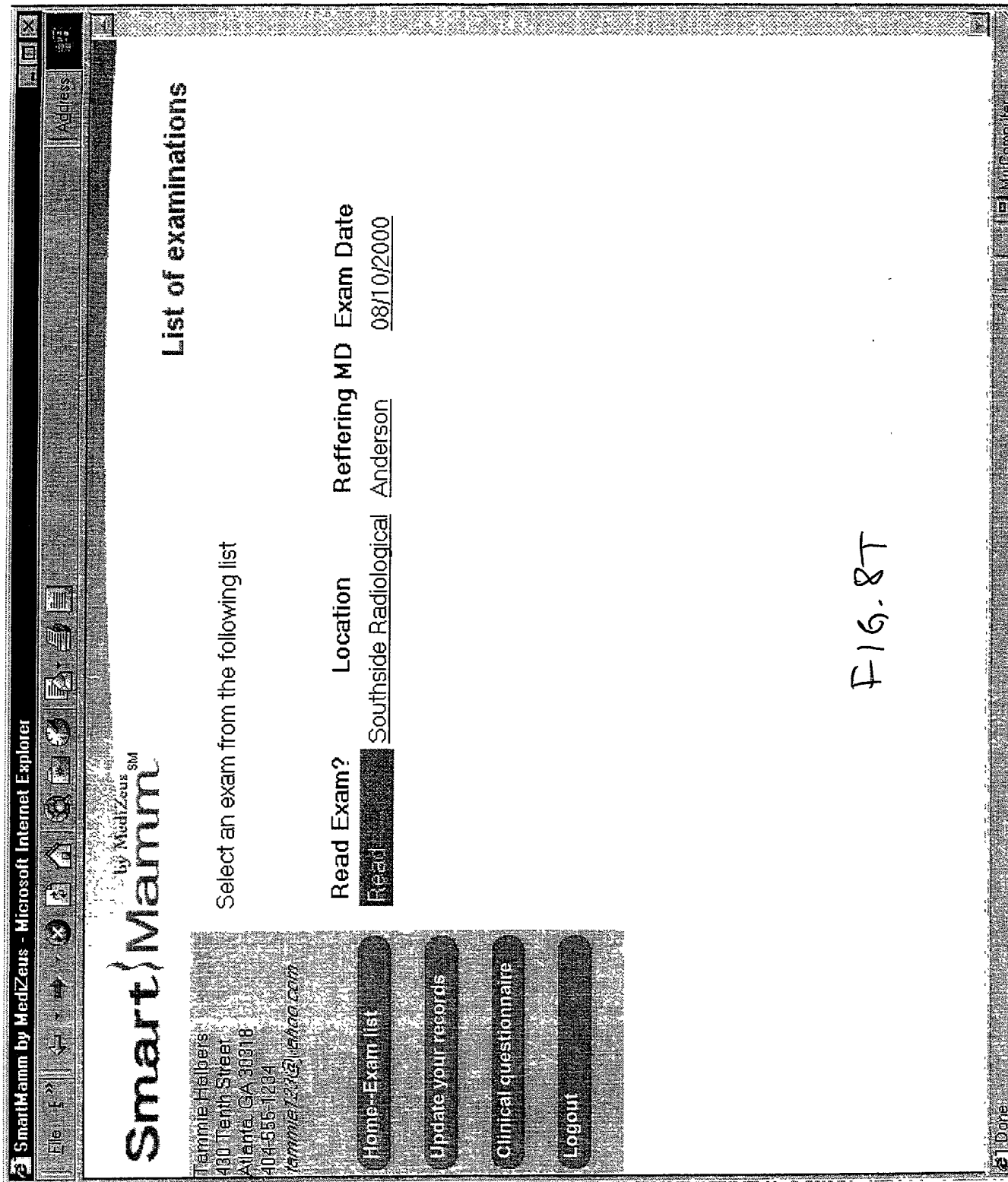


FIG. 8T

SmartMamm by MedZeus - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address

SmartMamm

by MedZeus SM

Tammie Albers
430 Tenth Street
Atlanta, GA 30318
404-555-1234
tammie@medzeus.com

Home-Exam list

Update your records

Clinical questionnaire

Logout

Doctor's letter

Southside

+

Radiological Associates

(Click to learn more about your mammographer)

August 10, 2000

Dear Mrs. Albers:

Your recent mammography examination showed an area that we believe is **benign (not cancer)**. However, in six months, you should have a follow-up mammogram to confirm this area has not changed.

As you know, early detection of cancer is very important. Although mammography is the most accurate method for early detection, not all cancers are found through mammography. A thorough examination includes a combination of mammography, physical examination and breast self-examination. Therefore, if you have not had a recent physical examination of your breasts by your clinician, see your physician or other health care provider.

A report of your mammography results was sent to: Dr. Paul Anderson.

Your mammogram will become part of your medical file here at Southside Radiological Associates for at least 10 years. You are responsible for informing any new health care provider of mammography facility of the date and location of the examination

View your mammography results

Sincerely,
Jane Smith, MD
Interpreting radiologist

Fig. 8U

My Computer

SmartMamm by MediZeus - Microsoft Internet Explorer

File

Address

Back

Forward

Stop

Reload

Home

Search

Print

Mail

Run

Find

Open

Close

Save

Copy

Paste

Undo

Redo

Zoom

Fullscreen

Help

SmartMamm

by MediZeus

Tammie Halber's

480 Tenth Street

Atlanta, GA 30318

404-555-1234

tammie223@attiana.com

Home-Exam list

Update your records

Clinical questionnaire

Logout

Your mammography results

Southside Radiological Associates

+

Southside Radiological Asso.

Roswell, GA 30076

Radiology Consultation

Patient Name **Albers, Tammie**

X-ray number **258221111**

Exam date **08/11/2000**

Referring Phys. **Anderson, P. MD**

RIGHT

LEFT

Click on the thumbnail to enlarge the image. Not for diagnosis.

REASON FOR REQUEST : Screening

REPORT:

There is a 15-30 mm amorphous cluster of microcalcifications in the right posterior lateral breast. There is a 0-4 mm pleomorphic microcalcification in the

MICROCALCIFICATION

Small deposits of calcium that are visible as bright spots in a mammogram. Through usually benign, irregular distributions of microcalcifications may indicate malignant tissue.

Dr. Smith, M.D. on 08/11/2000

FIG-8V

SmartMammSM
by MediZeusSM
Increasing Mammogram Accuracy with Every Use



SmartLab → **MediZeus**SM
Patient Centered Record



SmartCardio

Fig. 8w